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December 5, 2003

**CUSTOMER NO.: 31561**

Application No.: 10/064,503

Attorney Docket No.: 9170-US-230

Page(s): Cover +14

FAX NO.: 002-1-703-872-9306

TO: UNITED STATES PATENT AND TRADEMARK OFFICE  
Examiner: Lawrence Jr., Frank M  
Art Unit: 1724

MESSAGE: Enclosed please find 11 pages of Amcndment and Response to Office Action mailed on September 11, 2003 and PTO-2038 form for Extra Claim Fee of US\$86.00.

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ATTORNEY-CLIENT AND/OR WORK PRODUCT  
PRIVILEGED COMMUNICATION

Customer No.: 31561  
 Application No.: 10/064,503  
 Docket No.: 9170-US-230

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: )  
 )  
 Nakamura et al. ) Examiner :Lawrence Jr., Frank M  
 )  
 Serial No.: 10/064,503 ) Art Unit : 1724  
 )  
 Filed : 07/23/2002 ) Docket No.: 9170-US-230  
 )  
 For : Apparatus and Method for )  
 Purifying Air Used in Cryogenic )  
 Air Separation )

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## AMENDMENTS AND RESPONSE TO OFFICE ACTION

U.S. Patent and Trademark Office  
 Commissioner for Patents  
 2011 South Clark Place  
 Customer Window, Mail Stop Non-Fee Amendment  
 Crystal Plaza Two, Lobby, Room 1B03  
 Arlington, Virginia 22202

### 1. Fees are calculated as follows:

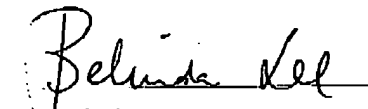
	NUMBER FILED	CLAIMS FILED HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE
Basic Fee					
Total Claims	7	MINUS 20	= 0	× 18	= \$ 0
Independent Claims	4	MINUS 3	= 1	× 86	= \$ 86
[ ] month(s) extension of time is hereby requested.					
Time Extension Fee					-\$
Total:					\$ 86

Customer No.: 31561  
Application No.: 10/064,503  
Docket No.: 9170-US-230

a. [x] Please charge the fee in the amount of \$86.00 as calculated above to a credit card account. A Credit Card Payment Form (PTO-2038) containing the information necessary to charge the fee to the credit card is enclosed. If the payment by credit card payment is not successful, the Commissioner is authorized to charge the fee required in connection with the filing of this paper to account No. 50-2620 (Order No.: 9170-US-230)

Date :

Dec. 5, 2003



Belinda Lee

Registration No.: 46,863

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